

**SYSTEM AND METHOD FOR PRIVATE AND SECURE**  
**FINANCIAL TRANSACTIONS**

**ABSTRACT**

**[0103]** A clocked authentication, authorization and accounting (CAAA) system and method offers private and secure credit/debit card online and offline financial transactions (FT) including an embedded privacy and security layer (EPSL) architecture. EPSL includes an authentication stage prior to the authorization stage that is automated and enabled through a back office, and enhanced by associating the authentication stage with projected timing, security and accounting parameters. It enables legal financial account holders to perform buy/sell or withdraw/deposit transactions without disclosing private personal information to the transaction counterparts, while preserving highly elevated and enhanced security and fraud protection as compared with conventional methods. The CAAA method enables efficient mass user EPSL implementation at back offices utilizing high frequency synchronized global clocking of EPSL logic blocks.